ABSTRACT

5

An electrode structure for a liquid crystal display includes a layer of pixel electrodes each having a herringbone-shaped structure, a passivation layer and a layer of common electrodes. The pixel electrodes are formed in parallel above the common electrodes. The herringbone-shaped structure of a pixel electrode has a predefined turning angle between 45 degrees to 90 degrees. The pixel electrode structure allows the liquid crystals in the display to rotate in two directions, clockwise and counterclockwise, to compensate for the color dispersion caused by a wide viewing angle.